Index

```
AB ##, see specific "Assembly Bill ##"
Adjuvants, 5
  California legislation regarding, 7
  definition, 7, 107
  labeling requirement, 7
Administrative Services, DPR Division of, 19
Adverse Effects Advisory Panel, 37
Aerial applications, historical number of, 6
Aerial applicators, licensing, 46
Agricultural civil penalties, 52
Agricultural pesticide use, definition, 79
Agricultural-urban interface, 93
Air monitoring, 34, 75
  about, 32
  as part of continuing evaluation, 32, 34
  in eradication programs, 34
  TAC program, 33
  see also VOC program
Air Resources Board (ARB), 22, 76
  interaction with DPR in implementation of AB 1807 and VOC programs, 33, 76
  peer review, 33
American Crop Protection Association, 42
Antimicrobial pesticides, expedited registration, 24
Assembly Bill 124 (1996), 9
Assembly Bill 770 (1993), 47, 104
Assembly Bill 771 (1993), 24
Assembly Bill 774 (1993), 52
Assembly Bill 1134 (1998), 26
Assembly Bill 1142 (1988), 11
Assembly Bill 1397 (1985), 59
Assembly Bill 1559 (1997), 105
Assembly Bill 1614 (1985), 11, 52
Assembly Bill 1742 (1991), 36
Assembly Bill 1807 (1983), 10, 32, 75
  see also Toxic Air Contaminant program
Assembly Bill 1873 (1989), 11
Assembly Bill 2021, (1984, Pesticide Contamination Prevention Act), 11
  about, 77, 78
  agricultural pesticide use, definition, 79
  annual report, 79
  data collection, 79
  Department of Health Services role, 80
  Leaching Fields report, 78
  mandates, 79
  mitigation measures, 79, 80, 82
  pesticide management zones (PMZs), 79
  pollution, defined, 78
  preventive approach, 79, 82
  subcommittee review process, 79, 80
  use reporting data used, 72, 82
  well sampling, 79, 99
Assembly Bill 2161 (Food Safety Act of 1989)
  about, 59
  formation of Food Safety Account, 105
```

```
mill assessment, 103
  Pesticide Exposure to Children Committee, 60
   use reporting, authority given for, 59, 70
Assembly Bill 2419 (1990), 103
Assembly Bill 2711 (1994), 20
Assembly Bill 3219 (1984), 32, 76
Assembly Bill 3765 (1978), 10
   and permitting, 48
Audit Branch, DPR, 19, 105
Basketweaver project, see Tribal Territories Herbicide Monitoring Project
Benbrook, Charles, 23, 25
Biological control program (CDFA), 12
Birth Defect Prevention Act, see Senate Bill 950
C
California Department of Agriculture, see California
     Department of Food and Agriculture
California Department of Fish and Game (DFG), 22, 51
   DPR incident investigations, role in, 65
   endangered species program, role in, 85, 100
   Natural Diversity Database, 85
California Department of Food and Agriculture, 3, 22, 51, 85
   Center for Analytical Chemistry, 12, 55, 62, 75
   Division of Pest Management, Environmental Protection, and Worker Safety, 10
  emergency projects monitoring by DPR, 34
   mill assessment share, 104
   name change (1972), 8
   Pesticide Consultation and Analysis Unit, 104
   PMAC membership, 88
California Department of Health Services (DHS), 22, 51, 60
   illness investigations, coordination with DPR on, 65, 68
   local vector control programs, 45
   MOU with DPR, 45
   1972 worker safety legislation, 8, 66
   Pesticide Contamination Prevention Act role, 80
  processed foods monitoring program, 59, 60
   worker safety regulation, historical role, 66
California Department of Industrial Relations, 22, 51
   incident/illness investigations, role in DPR, 65, 66
   worker safety regulation, historical role, 66
California Department of Pesticide Regulation (DPR)
   branches, 17
  creation of, 8, 12
   funding, 103
  history, 1
  legal authorities, v
   mission, 1
   organization, 17
California Electronic Data Transfer System (CEDTS), 70
California Environmental Protection Agency (Cal/EPA)
   creation, 12
  environmental justice, 95
   goals, 12
California Environmental Quality Act (CEQA)
   Environmental Assessment Team, 10, 48
   functional equivalency, 10, 48, 49
   functional equivalency, CAC role, 10, 48, 49
```

1976 Attorney General's opinion, 10, 48 1976 Attorney General's opinion, and permitting system, 10, 48 passage of, 10 Pesticide Registration and Evaluation Committee function, 10, 22, 88 registration process, 10, 22 California Fertilizer Act (1903), 3 California Irrigation Management Information System, 82 California Pesticide Management Plan for Water Quality, 78, 99 California State University peer review, 15 California-specific registration requirements, 23, 26 CalVul (ground water model), 82 Center for Analytical Chemistry (CDFA) analytical methods development, 62, 75 Product Compliance Program role, 55 residue testing, fresh produce, 62 Certificates of registration, 104 Certification, see Licensing and certification Challenge and Change report, 23, 24, 25 Chemical Spray Residue Act (1927), 4, 5, 58 Compliance assessments, 53 Compliance assistance, 49 Compliance monitoring, 49 Continuous evaluation of pesticides, 31 air monitoring as element of, 32 legal requirement for, 7, 31 Cooperative enforcement agreement with U.S. EPA, 46, 49 County agricultural commissioners (CACs), 51, 94 CEQA functional equivalency role, 10, 48, 49 compliance assessment program, 53 duties and responsibilities, 45, 50, 51 effectiveness evaluation, 54 endangered species program role, 85 enforcement and compliance actions, 11, 50, 51 enforcement work plans, 53, 64 funding (local assistance), 51, 104 history of relationship in pesticide regulatory program, 3, 4 illness investigations, 44, 51, 64, 65, 66 incident investigations, 51, 64, 65 interaction with other agencies, 45, 51 local use enforcement, 8, 13, 18, 50 mill assessment share, 103, 104 nonpesticidal duties, 51 PCO certification required (1917), 3, 46 permitting, role in restricted materials, 48, 51 pesticide use reporting, role in, 7, 47, 70 Pesticide Workplace Evaluation Program, role in, 44 registration of applicators, 46, 50, 52 restricted materials and permitting system, 10 Structural Pest Control Device program, 26 training of, 8, 45, 64, 93 uniform enforcement, 53 County pesticide use surveillance, 50 D

Data collection, review and evaluation, 21 acute data call-in authority, 60

```
Birth Defect Prevention Act, 13, 36
   California Environmental Quality Act impact, 10
   California-specific requirements, 23, 26
   exposure assessment, 41, 42
   history of DPR data collection, 4, 6, 7, 8
   identification of potential ground water contaminants, 79
   Pesticide Contamination Prevention Act requirements, 13, 79
   reevaluation requirements, 31
   registration, requirements for, 21
   research authorizations, 26
   risk assessments, 37
   Sections 18 and 24(c), 27, 28
   use reporting, 60, 69
Databases, 97
   chemical company name, 98
   chemical dictionary, 98
   chemical ingredient, 98
   endangered species, 85, 99
   enforcement monitoring (EnfAct), 100
   Natural Diversity (DFG), 85
   product/label, 98
   registration licensing/renewal, 99
   registration tracking, 98
   residue, 99
   Section 18, 98
   surface water, 99
   U.S. EPA/OPP, 98
   use reporting, 69, 72, 99
   VOC, 98
   well sampling inventory, 79, 82, 99
Department of Pesticide Regulation, see California Department of Pesticide Regulation
Device program, see Structural Pest Control Device Program
Dietary risk assessment, 43, 60, 61,
Dormant Spray Water Quality Program, 81
Dose-response assessment, 37
DPR Fund
   about, 103
   Agriculture Fund renamed, 103
Ε
E-government, 14, 101
Economic Poison Act of 1921, 3, 6
   amendments, 4, 5
   lawsuit against, 4
Effectiveness evaluations (of CACs), 54
Efficacy
   requirement for demonstration of, 4, 23
   testing in Department's early years, 4
EHAP, see Environmental Hazard Assessment Program
Emergency projects monitoring, 84
Endangered Species Program (DPR)
   about, 84
   database, 85, 99
   habitat mapping, 85
   use reporting data used in, 72, 100
EnfAct, see Enforcement database
Enforcement
   about enforcement activities, 64
   legal authority for, 6, 7, 11
   cooperative enforcement agreement with U.S. EPA, 46, 49
```

California Department of Pesticide Regulation

```
Enforcement and compliance options
  about, 8, 45, 50
  administrative actions, 52
  and County Agricultural Commissioners, 8, 45, 50
  criminal and civil actions, 11, 52
  crop abatement, 52
  crop quarantine, 11, 52, 61
  crop seizure, 11, 52
Enforcement Branch, see Pesticide Enforcement Branch
Enforcement database, 54, 100
Enforcement Initiative, 13, 53, 96
Enforcement, uniform enforcement guidelines, 53
Environmental Assessment Team, see California Environmental Quality Act
Environmental Hazards Assessment Program (EHAP), 75
  activities, 18
Environmental justice, 95
Environmental Monitoring Branch
  activities, summary, 18
  emergency projects monitoring, 84
  Environmental Hazards Assessment Program (EHAP), 18, 75
  ground water program, 77
  surface water program, 77, 78, 81
  Toxic Air Contaminant (TAC) program, 32
  volatile organic compounds (VOC) program, 75
Environmental protection programs (DPR)
  about, 75
  legal authority, v
EUPs, see Experimental uses
Executive Order D-15-83 (primacy), 10
Experimental uses
  experimental use permits (EUPs), 26
  research authorizations, 26
Exposure assessment, 64
  Monte Carlo simulation, 42
  probabilistic modeling, 42
  process, 41
  risk assessment, as part of, 37, 38
  routes of exposure, 41
  use reporting data used in, 41
Exposure Characterization and Assessment Program (DPR), 17, 41
Exposure Monitoring Program (Worker Health and Safety Branch), 18, 42
Exposure monitoring studies
  about, 42, 64
  Tribal Territories Herbicide Monitoring Project, 94
F
Federal Insecticide Act of 1910, 2
Federal Insecticide, Fungicide and Rodenticide Act (FIFRA)
   1947 passage of, 6
   1972 amendments, 8
   1972 amendments and restricted materials, 47
   1972 amendments and state enforcement plans, 46
   1988 amendments, 11
   1996 amendments, see Food Quality Protection Act
Fees
  Food Safety Account, 89, 90, 105
  licensing, 104
  mill assessment, 103
  registration, 104
```

```
Financial Management Branch, DPR, 19
Focused Monitoring Program, see Residue monitoring program
Food and Drug Administration, see U.S. Food and Drug Administration (U.S. FDA)
Food, Drug and Cosmetic Act (U.S.), 5, 59
Food Quality Protection Act (U.S.), 5, 23, 28, 59, 61
Food Safety Account, 89, 90, 105
Food Safety Act of 1989, see Assembly Bill 2161
Forestry herbicide monitoring, 94
Funding, DPR, 103
  DPR Fund, 103
  federal, 105
  Food Safety Account, 89, 90, 105
  General Fund, 103
  history, 103
   licensing fees, 104
  mill assessment, 103
   registration fees, 104
  reimbursements, 105
  U.S. Department of Agriculture, 105
  U.S. Environmental Protection Agency, 105
  U.S. Food and Drug Administration, 105
G
Geographic information systems (GIS)
   use in pesticide use reporting, 71
Governor's Reorganization Plan (GRP-1), 10, 104
Grant programs, 13, 25, 89
   general criteria, 89
   Pest Management Alliance, 89, 90
  Pest Management Evaluations, 90
  Pest Management Grants, 89
   PMAC role, 88, 89, 90
Green Revolution, 5
Ground water protection programs
   about, 77, 78
   CalVul model, 82
  Pesticide Management Plan (U.S. EPA), 79
  see also Assembly Bill 2021
GRP-1, see Governor's Reorganization Plan
н
Harmonization project with U.S. EPA, 13, 23
Hazard communication program, 39, 63
Hazard identification, 37
Health Canada, 42
History, 2
  DPR. 1
  pesticide regulation in other states, 2
Illness investigations, 63, 65, 66
   CAC role, 65, 66
   exposure assessment, 44
  National Institute of Occupational Safety and Health, 68
  training in investigative techniques, 64
  U.S. EPA, reporting to, 65
   see also Pesticide Illness Surveillance Program
Incident investigations
```

about, 65 "priority" investigations, 65 types of incidents, 65 Information access, 97 Information Technology Branch activities, summary, 19 Insecticide and Fungicide Act of 1911 (California), 2 Internet site (DPR), 100 see also E-government Investigations, incident and illness see Illness investigations see Incident investigations IPM Innovator Awards program, 13, 25, 87, 88, 91
L
Label, federal preemption of product labels, 8, 9, 22, 22 Label Resource Center, Registration Branch, 97 Label review and registration process, 3, 22 Leaching Fields report, 78 Library, Pesticide Registration Branch Data, 97 Licensing and certification, 46, 47 about, 46, 47 broker licensing, 48 cooperative agreement with U.S. EPA, 46 enforcement database, 100 history, 7, 8, 46 pest control advisers (PCAs), 8, 47 registration of licensees, 7, 48 training and continuing education, 46, 47, 48 Lompoc, 34, 95 Lompoc Interagency Work Group (LIWG), 95
M
MAA
see Management Agency Agreement see also Ground water programs see also Surface water program Management agency agreement (MAA), 77, 99 see also Ground water programs see also Surface water program Marketplace Surveillance Program, 60 Marquart, Deanna, 23, 25 Medical supervision, 64 Medical Toxicology Branch activities, summary, 17 creation of, 11 dietary risk assessment, 41, 43 Proposition 65 role, 39
registration process, role in, 21
risk assessment process, 37 Mediterranean fruit fly, 84 Methyl bromide, 34, 36 Mexico Border Projects Program, 46 Mill assessment Audit Branch, 19, 105 CAC share, 103, 104 CDFA share, 104 history, 8, 48, 103 legislation, 103

```
Pesticide Consultation and Analysis Unit funded (CDFA), 104
Mill tax, see Mill assessment
Minor-use crops, 28
Mission statement, DPR, 1
Mitigation measures, 23
   air program, 34, 77
  CalVul ground water model, 82
  consideration in reevaluation, 31
  consideration in risk assessment, 38
  evaluating as part of exposure monitoring, 42, 44
  exposure assessment, considered during, 41
   ground water program, 79, 80
  illness surveillance program, 66
   multi-media, 75
  pest management analyses, 90
  surface water, 83
  TAC program, 33
Monte Carlo modeling, 42
N
National Academy of Sciences, 60
   Delaney Paradox, 59
  peer review, 15
National Agricultural Chemicals Association, suit against DPR, 8
National Environmental Policy Act (NEPA), 7
National Institute of Occupational Safety and Health, 68
Native American project, see Tribal Territories Herbicide Monitoring Project
Natural Resources Defense Council, 59
No-observed-effect level (NOEL), defined, 37
North American Free Trade Agreement (NAFTA), 23
Northwestern California Tribal Territories Herbicide Monitoring Project, 94
Notice of intent (NOI), 49
0
Office of Environmental Health Hazard Assessment, 95
   Adverse Effects Advisory Panel, 37
   consultation with DPR, 22
   illness investigation role, 66
  joint and mutual responsibility for worker safety regulations, 8, 12
  peer review role, 15, 17, 33
  PREC subcommittee (Pesticide Contamination Prevention Act), 80
  Proposition 65, 39
Ombudsman, DPR Registration Branch, 24, 25
Organisation for Economic Cooperation and Development (OECD), 23
Organization, DPR, 17
P
Peer review, 15, 17
   ARB, 33
  external scientific, 15
  OEHHA, 15, 17, 33
   risk characterization, as part of, 15
   rulemaking process, as part of, 15
  TAC Scientific Review Panel, 15, 33
   U.S. EPA, 15, 17
People and Pesticides Quality Team, 94
Permit conditions, DPR suggested, 49, 51
Permit Reform Act, 99
```

```
Permitting, restricted materials, 47, 48, 52
   CAC role, 7, 48, 51
   CEQA impact, 10, 48, 49
  legal authorization for DPR, 7, 47, 48
  multi-year, 49
  pre-application inspections, 49
   Sections 18 and 24(c), 29
   use reporting system, role in, 70
  see also Experimental uses
  see also Restricted materials and permitting
Personnel Services Branch, DPR, 19
Pest control adviser (PCA)
   continuing education, 8, 46, 48
   licensing, 8, 46, 47
Pest Management Advisory Committee (PMAC), 48
   formed, 88
  functions, 88
  restructured, 88
  role in grant programs, 88, 89, 90
Pest Management Alliance Program, 89, 90
Pest management analyses, 90
   use reporting data used in, 73
Pest Management Analysis and Planning Program (PMAP)
  activities, 18, 87
  pest management analyses, 90
Pest Management and Licensing Branch
  activities, summary, 18, 45
  endangered species program, 84
   grant programs, 89
  licensing and certification, 18, 46
   pest management analyses, 90
   Pest Management Analysis and Planning (PMAP) Program, 18, 87, 90
   use reporting data analysis, 18
Pest Management Evaluations, 90
Pest Management Grant Programs, 89
Pest Management Strategy, 87
Pest management systems, 25
   legal authority, DPR, v
Pesticide Advisory Committee, 22
Pesticide Contamination Prevention Act, see Assembly Bill 2021
Pesticide Data Program (PDP), USDA, 62
Pesticide, definition of, 12, 108
Pesticide Emergency Response Plan, 46
Pesticide Enforcement Branch
  expansion of, 8, 11
   functions, summary, 18, 45
   incident/illness investigations, 65
  Product Compliance Program, 55
   supervision of local enforcement, 18, 45
Pesticide Exposure to Children Committee, 60
Pesticide Handlers Exposure Database (PHED), 42
Pesticide Illness Surveillance System (PISP)
   about, 18, 63, 66
   CAC role, 66
   Department of Health Services role, 66, 68
   improving data, 67
   increasing physician reporting, 67
  Poison Control System, 67
   purpose, 66
   see also Illness investigations
```

```
Pesticide Management Plan (U.S. EPA), 79
   see also California Pesticide Management Plan for Water Quality
Pesticide management zone (PMZ), 79
Pesticide Registration and Evaluation Committee (PREC), 88
   membership, 10, 22
   restructured, 22
   subcommittee role in ground water program, 80
Pesticide Registration Branch
   activities, summary, 17
  databases, 97
  evaluation of registration data, 21
  Label Resource Center, 97
  library, data, 97
   Ombudsman, 24, 25
  Product Compliance Program, role in, 55
  Reevaluation Program, 31
  registration process, 21
Pesticide Safety Information Series (PSIS) leaflets
   about, 64
   Proposition 65, 39
Pesticide use reporting, see Use reporting
Pesticide Workplace Evaluation Program, 44, 64
Pesticides
  and "Green Revolution", 5
  definition, 12, 108
  history of use, 1, 5, 6
  number of products registered in California, 6
Physician reporting of pesticide illnesses, DPR project to improve, 67
PMAC, see Pest Management Advisory Committee
PMAP, see Pest Management Analysis and Planning Program
Preemption
   federal, state, local regulatory jurisdiction, 9
   product label language, 8, 9, 22
Preharvest Monitoring Program, see Residue monitoring program
Primacy, 9
   cooperative enforcement agreement with U.S. EPA, 46, 49
   Executive Order D-15-83, 10
Priority incidents, 65
Priority Pesticide Program, see Residue monitoring program
Probabilistic modeling, 42
Produce Destined for Processing Program, see Residue monitoring program
Product Compliance Program, 4, 55
Product/label database, 98
Proposition 65 (Safe Drinking Water and Toxic Enforcement Act)
   about, 39
  DPR risk evaluation role, 39
  hazard communication program, 39
  OEHHA, 39
   PSIS leaflets, 39
PSIS, see Pesticide Safety Information Series
Pure Food and Drug Act (U.S.), 4, 57
R
Ramlit Report, 78
Red imported fire ant (RIFA) project monitoring, 84
Reevaluation Program
   about, 31
  cancellation for failure to submit data, 31
  compared to U.S. EPA Special Review, 32
Regional offices (DPR), 45
```

California Department of Pesticide Regulation

Regional Water Quality Control Boards (RWQCBs) interaction with DPR on water issues, 77, 78, 83, 84 Registered products, number of, 6, 97 Registrant, definition of, 6 Registration and Health Evaluation, Division of, 17 Registration Branch, see Pesticide Registration Branch Registration fees, pesticide, 104 Registration of licensees, see Licensing and certification Registration, pesticide, 4, 6, 21 California-specific data requirement, 23 cancellation, legal standard for, 4, 21 compared to U.S. EPA requirements, 22, 23 concurrent application, 24, 25 consultation with other agencies, 10, 22 data requirements, 21 exemptions from, 26 expedited for antimicrobial pesticides, 24 interim, 24 label review, 3, 22 posting, 10, 22 registration process, 21 requirements, general, 21 sterilants used in medical devices, 26 structural pest control devices, 26 tracking system, 98 Regulations, developing, 15 Research authorizations, 26 Residue monitoring program (DPR) about, 57 Center for Analytical Chemistry (CDFA), 62 Chemical Spray Residue Act of 1927 (California), 5, 58 database, 99 expansion of program, 11, 59 Focused Monitoring Program, 59 funding, 60, 103 history, 4, 5, 57, 58 interaction with USDA, 62 interaction with U.S. FDA, 61, 62 Marketplace Surveillance Program, 11, 60 methods development, 60, 62 Pesticide Data Program (USDA), 62 Preharvest Monitoring Program, 11, 59, 60 Priority Pesticide Program, 11, 59, 60, 61 processed food, 59, 60, 61 Produce Destined for Processing Program, 11, 59, 60 testing methods, 62 Restricted materials and permitting about, 48 criteria for listing, 47, 48 federal vs. state restricted materials, 47, 48 FIFRA, 47 laws and regulations, history (California), 47 see also Permitting Rice pesticides monitoring program, 81 Risk appraisal, 37, 38 Risk assessment process, 37 about, 35 Adverse Effects Advisory Panel, 37 Birth Defect Prevention Act, 35, 36 dietary, 43, 60, 61 dose-response assessment, 37

```
exposure assessment, 37, 38, 41
  hazard identification, 37
  history, 35
  mitigation measures, 38, 41
  NOEL, 37
  peer review, 15, 33, 38
  prioritization policy, 24, 34, 37
  risk appraisal, 37, 38
  risk characterization, 37, 38, 41
  risk characterization document, 38
   risk management, 38
   Safe Drinking Water and Toxic Enforcement Act (Prop. 65), 39
  Toxic Air Contaminant Act (AB 1807), 33
   use reporting data used in, 72
Risk characterization, 37, 38, 41
Risk characterization document (RCD), 38
Risk management, 38
Routes of exposure, 41
Rulemaking process, 15
S
Sacramento River Watershed Program, 83
Safe Drinking Water and Toxic Enforcement Act of 1985, see Proposition 65
SB ##, see specific "Senate Bill ##"
School IPM program, DPR, 13, 91, 92
Scientific Review Panel, see Toxic Air Contaminant (TAC) Program
Sections 18 and 24(c) exemptions
  about, 27
  compared, 29
   database (Section 18), 98
   interim registration, 24
   Section 18 described, 27
   Section 24(c) described, 27
   time-limited tolerance, 28
Section 25(b) exemptions, 27
Senate Bill 1XXX (1996), 36
Senate Bill 115 (1999), 96
Senate Bill 283 (1995), 24
Senate Bill 365 (1997), 27
Senate Bill 445 (1997), 27
Senate Bill 464 (1997), 24
Senate Bill 550 (1991), 36
Senate Bill 603 (1997), 31
Senate Bill 825 (1971), 103
Senate Bill 950 (1984, Birth Defect Prevention Act)
   about, 11, 36
  amended by AB 1742, 36
  amended by SB 1XXX, 36
  amended by SB 550, 36
  data deadlines, 36
   methyl bromide and pentachlorophenol, 36
   priority list of 200, 36
   risk assessment process, 35, 37
Senate Bill 1082 (1993), 20
Senate Bill 1161 (1997), 104
Senate Bill 1320 (1996), 15
Senate Bill 1752 (1994), 88
Senate Bill 1850 (1992), 104
Senate Bill 1889 (1986), 61
Senate Bill 1970 (2000) 11, 52
```

Silent Spring, publication of, 7 Special Local Need registrations, see Sections 18 and 24(c) Spray Residue Act, see Chemical Spray Residue Act State Commission on Horticulture, 3 State Implementation Plan (SIP), 76 see also VOC program State Water Resources Control Board (SWRCB), 22, 81 ground water point source contamination, role in, 79, 80 interaction with DPR, 77, 78 management agency agreement with DPR, 77, 99 membership on PREC subcommittee, 80 Pesticide Contamination Prevention Act role, 79 Sterilants used in medical devices, 26 Strategic planning (DPR), 20, 94 Structural Pest Control Board, 22, 26, 45, 52, 104 MOU with, 45 Structural Pest Control Device Program, 26 Surface water program, 13 about, 77, 81, 83 activities, 77, 81 California Pesticide Management Plan for Water Quality, 78 database, 83, 99 Dormant Spray Water Quality Program, 81 interaction with State and Regional Water Boards, 77, 83, 84 management agency agreement with State Water Board, 77 mitigation measures, 83 rice pesticides monitoring program, 81 Sacramento River Watershed Program, 83 TMDLs, 83
Т
TACs, see Toxic Air Contaminant program Time-limited tolerance, 28 TMDLs, see Total maximum daily load Tolerances California authority to set tolerances, 5, 58 definition, 108 DPR evaluation for Section 18, 28 history, 4, 5, 57 residue monitoring program, 58, 60, 61 Section 18, 28 Section 24(c), 27 time-limited, 28 Total maximum daily load (TMDL), 83 Toxic Air Contaminant (TAC) program, see also AB 1807 about, 32 list, 32, 33 priority setting for listing and risk assessment, 33, 34 report, 33 risk assessment phase, 33 risk mitigation phase, 33 Scientific Review Panel, 15, 33 Tracking system, registration, 98 Tribal Territories Herbicide Monitoring Project, 94
U Uniform enforcement guidelines, 53
University of California, 22 Agricultural Issues Center pesticide workshop (1995), 93

California Department of Pesticide Regulation

```
human subjects review committee, 42
  peer review, 15
  registration of pesticides, historical role, 2, 3
U.S. Bureau of Chemistry, 4, 5, 57,
   see also U.S. Food and Drug Administration
U.S. Department of Agriculture (USDA)
   Natural Resources Protection Service, 82
   Pesticide Data Program (PDP), 43, 62
  pesticides, historical role, 6, 7, 57
U.S. Environmental Protection Agency (U.S. EPA), 22, 45
  creation of, 7
  database, pesticide, 98
  endangered species program role, 85
  enforcement agreement, cooperative, 46, 49
  enforcement delegation under FIFRA, 46, 47
  Forestry Monitoring Project role, 94
   funding of DPR programs, 105
  harmonization project with DPR, 13, 23
  label preemption, 9, 22
   peer review role, 15, 17
   Pesticide Handlers Exposure Database, 42
  Pesticide Management Plan, 79
   priority incident investigations, role in, 65
   Product Compliance Program, 55
   registration requirements differ, 22, 23
   Special Review, 32
   State Implementation Plan/VOC program, 76
  U.S./Mexico Pesticide Information Exchange Project, 46
   Worker Protection Standard, 11, 44, 55, 63,
U.S. Fish and Wildlife Service
   endangered species program role, 85
U.S. Food and Drug Administration (U.S. FDA), 43
   cooperative agreement with DPR, 62
  residue enforcement, 7, 57, 61, 62
  sterilants, jurisdiction over, 26
   tolerance-setting role, 5, 7, 57
U.S./Mexico Pesticide Information Exchange Project, 46
U.S. National Oceanic and Atmospheric Administration, 82
Use reporting
   about, 69
  access to data, improving, 71
  accuracy of data, improving, 71
  CAC role, 69, 70
  California Electronic Data Transfer System (CEDTS), 70
  county mapping assistance, 71
  database, 71, 99
  definition of agricultural pesticide use, 79
  electronic, 70
  Food Safety Act of 1989 (AB 2161), 59, 70
   geographic information systems, 71
   history, 7, 11, 12, 47, 69
  Pest Management and Licensing Branch role, 18
  Pesticide Contamination Prevention Act, 72
  site identification, 70, 71
   use of data, 41, 64, 69, 72, 76, 100
```

٧

VOC program, *see* Volatile organic compound program Volatile organic compound (VOC) program, 76
ARB and U.S. EPA role, 76
data call-in, 76
emission factor, 76
emission inventory, 76, 98
estimating emissions, 76
reduction measures, 77
State Implementation Plan, 76
thermogravimetric analysis (TGA) method, 76
use reporting data used in, 72, 76

W

Water quality, California Pesticide Management Plan for, 78 see also Assembly Bill 2021 (Pesticide Contamination Prevention Act) see also Ground water programs see also Surface water programs Water quality programs, DPR, 77 Web site (DPR), see also E-government, 100 Well inventory database, 99 Worker field studies about, 42 protocol review, 42 Worker Health and Safety Branch activities, summary, 17 exposure assessment, 41 Exposure Characterization and Assessment Program, 17 Exposure Monitoring Program, 18, 42, 64 formation, 63 Pesticide Illness Surveillance Program, 18, 66 Pesticide Safety Information Series leaflets, 39, 64 training of CAC in illness investigations, 64 worker protection activities, 63 worker protection, 1970s role in, 8 Workplace Evaluation and Industrial Hygiene Program, 18, 64 Worker Protection Standard, 44 DPR equivalency, 63 history, 11, 63 labeling enforcement, 55 Worker safety, 63 legal authority for DPR role, v legislation, 8, 66 Workplace Evaluation and Industrial Hygiene Program (DPR), 18, 44, 64